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FILE 'HOME' ENTERED AT 15:37:22 ON 19 APR 1999

=> file medline, caplus

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FILE 'MEDLINE' ENTERED AT 15:37:31 ON 19 APR
1999

FILE 'CAPLUS' ENTERED AT 15:37:31 ON 19 APR 1999
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SOCIETY (ACS)

=> s (fusion# or chimera? or hybrid? or conjugate?)

L1 713179 (FUSION# OR CHIMER? OR HYBRID? OR
CONJUGA?)

=> s l1 (5a) (heat shock protein? or heat shock polypeptide?
or heat shock peptide?)

1 FILES SEARCHED...

L2 117 L1 (5A) (HEAT SHOCK PROTEIN? OR
HEAT SHOCK POLYPEPTIDE? OR HEAT
SHOCK PEPTIDE?)

=> s l2 (5a) epitop?

L3 2 L2 (5A) EPITOP?

=> d 1-2

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1999 ACS
AN 1996:194446 CAPLUS
DN 124:257723

TI In vivo carrier effect of heat shock proteins in conjugated
vaccine

constructs

AU Giudice, Giuseppe Del

CS Institute Biochemistry, University Lausanne, Switz.

SO 'Stress Proteins Med. (1996), 533-45. Editor(s): Van
Eden, Willem; Young,

Douglas B. Publisher: Dekker, New York, N. Y.

CODEN: 62NSA5

DT Conference; General Review

LA English

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 1999 ACS
AN 1991:677432 CAPLUS
DN 115:277432

TI Mycobacterial heat-shock proteins as carrier molecules

AU Lussow, Alexander R.; Barrios, Christy; Van Embden,
Jan; Van der Zee,

Ruur, Verdini, Antonio S.; Pessi, Antonello; Louis,
Jacques A.; Lambert,

Paul Henri; Del Giudice, Giuseppe

CS Dep. Pathol., Univ. Geneva, Geneva, CH-1211, Switz.

SO Eur. J. Immunol. (1991), 21(10), 2297-302

CODEN: EJIMAF; ISSN: 0014-2980

DT Journal

LA English

=> d ab

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1999 ACS
AB A review with 50 refs. discussing PPD as a carrier mol.
in animals

sensitized with BCG, ***heat*** ***shock***
proteins as

carrier mols. for ***conjugated*** B-cell

epitopes in order

to avoid need for adjuvants, and prokaryotic heat shock
proteins in

vaccine constructs.

=> d his

(FILE 'HOME' ENTERED AT 15:37:22 ON 19 APR
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FILE 'MEDLINE, CAPLUS' ENTERED AT 15:37:31
ON 19 APR 1999

L1 713179 S (FUSION# OR CHIMER? OR HYBRID?
OR CONJUGA?)

L2 117 S L1 (5A) (HEAT SHOCK PROTEIN? OR
HEAT SHOCK POLYPEPTIDE? OR HE

L3 2 S L2 (5A) EPITOP?

=> s l2 and ubiquitin

L4 9 L2 AND UBIQUITIN

=> s l4 and epitopes

L5 0 L4 AND EPITOPES

=> dup rem l4

PROCESSING COMPLETED FOR L4

L6 7 DUP REM L4 (2 DUPLICATES REMOVED)

=> d 1-7

L6 ANSWER 1 OF 7 CAPLUS COPYRIGHT 1999 ACS
AN 1997:493522 CAPLUS
DN 127:188310

TI Effects of near-lethal heat stress on bud break, heat-shock
proteins and

ubiquitin in dormant poplar (Populus nigra
Charkowiensis .times.

W R 180-Ex

P. nigra incrassata)
AU Wisniewski, Michael; Sauter, Jorg; Fuchigami, Les;
Stepien, Valerie
CS USDA-ARS, Kearneysville, WV, 25430, USA
SO Tree Physiol. (1997), 17(7), 453-460
CODEN: TRPHEM; ISSN: 0829-318X
PB Heron Publishing
DT Journal
LA English

L6 ANSWER 2 OF 7 CAPLUS COPYRIGHT 1999 ACS
AN 1995:931025 CAPLUS
DN 123:335121
TI Physiological and molecular responses of Prosopis
chilensis under field
and simulation conditions.
AU Ortiz, Claudia A.; Bravo, Leon A.; Pinto, Manuel;
Cardemil, Liliana
CS Fac. Cienc. Agrar. Forest., Univ. Chile, Santiago, Chile
SO Phytochemistry (1995), 40(5), 1375-82
CODEN: PYTCAS; ISSN: 0031-9422
DT Journal
LA English

L6 ANSWER 3 OF 7 MEDLINE
AN 94101634 MEDLINE
DN 94101634
TI Differential expression of heat shock proteins in
pancreatic carcinoma.
AU Gress T M; Muller-Pillasch F; Weber C; Lerch M M;
Friess H; Buchler M;
Beger H G; Adler G
CS Department of Internal Medicine I, University of Ulm,
Germany..
SO CANCER RESEARCH, (1994 Jan 15) 54 (2) 547-51.
Journal code: CNF. ISSN: 0008-5472.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 199404

L6 ANSWER 4 OF 7 MEDLINE
AN 92198332 MEDLINE
DN 92198332
TI ***Ubiquitin*** and the lysosome system: molecular
immunopathology
reveals the connection.
AU Mayer R J; Lowe J; Landon M; McDermott H;
Tuckwell J; Doherty F; Laszlo L
CS Department of Biochemistry, University of Nottingham
Medical School,
Queens Medical Centre, U.K..
SO BIOMEDICA BIOCHIMICA ACTA, (1991) 50 (4-6)
333-41. Ref: 34
Journal code: 9YX. ISSN: 0232-766X.
CY GERMANY: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English

FS Priority Journals
EM 199206

L6 ANSWER 5 OF 7 MEDLINE
DUPLICATE 1
AN 91366495 MEDLINE
DN 91366495
TI The latent membrane protein-1 in Epstein-Barr
virus-transformed
lymphoblastoid cells is found with ***ubiquitin***
-protein
conjugates and ***heat*** - ***shock***
protein 70
in lysosomes oriented around the microtubule organizing
centre.
AU Laszlo L; Tuckwell J; Self T; Lowe J; Landon M; Smith
S; Hawthorne J N;
Mayer R J
CS Department of General Zoology, Eotvos University,
Budapest, Hungary..
SO JOURNAL OF PATHOLOGY, (1991 Jul) 164 (3)
203-14.
Journal code: JLB. ISSN: 0022-3417.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199112

L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 1999 ACS
AN 1990:5644 CAPLUS
DN 112:5644
TI ***Ubiquitin*** and heat shock proteins in cultured
nervous tissue
after different stress conditions
AU Morandi, Antonio; Los, Brian; Osofsky, Laura;
Autilio-Gambetti, Lucila;
Gambetti, Pierluigi
CS Div. Neuropathol., Case West. Reserve Univ.,
Cleveland, OH, 44106, USA
SO Prog. Clin. Biol. Res. (1989), 317(Alzheimer's Dis.
Relat. Disord.),
819-27
CODEN: PCBRD2; ISSN: 0361-7742
DT Journal
LA English

L6 ANSWER 7 OF 7 MEDLINE
DUPLICATE 2
AN 87137895 MEDLINE
DN 87137895
TI Microinjection of ***ubiquitin*** : changes in protein
degradation in
HeLa cells subjected to heat-shock.
AU Carlson N; Rogers S; Rechsteiner M
NC GM27159 (NIGMS)
GM30445 (NIGMS)
SO JOURNAL OF CELL BIOLOGY, (1987 Mar) 104 (3)
547-55.
Journal code: HMV. ISSN: 0021-9525.
CY United States

DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 198706

=> d his

(FILE 'HOME' ENTERED AT 15:37:22 ON 19 APR 1999)

FILE 'MEDLINE, CAPLUS' ENTERED AT 15:37:31
ON 19 APR 1999
L1 713179 S (FUSION# OR CHIMER? OR HYBRID?
OR CONJUGA?)
L2 117 S L1 (5A) (HEAT SHOCK PROTEIN? OR
HEAT SHOCK POLYPEPTIDE? OR HE
L3 2 S L2 (5A) EPITOP?
L4 9 S L2 AND UBIQUITIN
L5 0 S L4 AND EPITOPES
L6 7 DUP REM L4 (2 DUPLICATES REMOVED)

=> s l2 and epitopes

L7 4 L2 AND EPITOPES

=> dup rem l7

PROCESSING COMPLETED FOR L7

L8 3 DUP REM L7 (1 DUPLICATE REMOVED)

=> d 1-3

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 1999 ACS
AN 1999:113796 CAPLUS
DN 130:195740
TI Membrane-bound cytokine compositions and methods of
modulating an immune
response using same
IN Soo, Hoo William
PA The Immune Response Corporation, USA
SO PCT Int. Appl., 91 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION
NO.	DATE		
PI WO 9906544	A1	19990211	WO 98-US15622
19980728			
W:	AU, CA, JP		
RW:	AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR,		
IE, IT, LU, MC, NL,			
PT, SE			
US 5891432	A	19990406	US 97-902516
19970729			
PRAI US 97-902516		19970729	

L8 ANSWER 2 OF 3 MEDLINE

DUPLICATE 1
AN 1999094960 MEDLINE
DN 99094960
TI Self ***heat*** - ***shock*** ***protein***
(hsp60) peptide
serves in a ***conjugate*** vaccine against a lethal
pneumococcal
infection.
AU Konen-Waisman S; Cohen A; Fridkin M; Cohen I R
CS Department of Immunology, Weizmann Institute of
Science, Rehovot, Israel.
SO JOURNAL OF INFECTIOUS DISEASES, (1999 Feb)
179 (2) 403-13.
Journal code: IH3. ISSN: 0022-1899.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199904
EW 19990403

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 1999 ACS
AN 1996:194446 CAPLUS
DN 124:257723
TI In vivo carrier effect of ***heat*** ***shock***
proteins
in ***conjugated*** vaccine constructs
AU Giudice, Giuseppe Del
CS Institute Biochemistry, University Lausanne, Switz.
SO Stress Proteins Med. (1996), 533-45. Editor(s): Van
Eden, Willem; Young,
Douglas B. Publisher: Dekker, New York, N. Y.
CODEN: 62NSA5
DT Conference; General Review
LA English

=> d 2 ab

L8 ANSWER 2 OF 3 MEDLINE
DUPLICATE 1
AB Healthy persons manifest a high frequency of T cells
reactive to
epitopes of the self 60-kDa heat-shock protein
(hsp60) molecule.
It was reasoned that a self hsp60 peptide, p458m, might
provide T cell
help for a response to the T independent capsular
polysaccharide of
Streptococcus pneumoniae type 4 (PS4). The conjugate
vaccine (PS4-p458m)
induced resistance to challenge with >300,000 times the
minimal lethal
dose of pneumococci. PS4 conjugated to other
immunogenic carriers (tetanus
toxoid, a pneumolysin peptide, and others) or a
commercial pneumococcal
vaccine were far less effective. The effectiveness of the
PS4-p458m
conjugate was associated with an increased IgG1 antibody
response to PS4,

with long-term memory, and with T cell responses to the p458m peptide.
 Thus, T cell reactivity to a self epitope in a conjugate vaccine can be mobilized to induce help for resistance to a lethal infection.

=> d 3 ab

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 1999 ACS
 AB A review with 50 refs. discussing PPD as a carrier mol. in animals

sensitized with BCG, ***heat*** ***shock***
 proteins as
 carrier mols. for ***conjugated*** B-cell
 epitopes in order
 to avoid need for adjuvants, and prokaryotic heat shock proteins in vaccine constructs.

=> d l6 4 ab

L6 ANSWER 4 OF 7 MEDLINE

AB Considerable advances in our understanding of the molecular pathology of

the major human neurodegenerative diseases have been made by the use of

ubiquitin immunocytochemistry. The technique demonstrates that

filamentous inclusions and vacuoles contain

ubiquitin -protein

conjugates. The molecular structure of the filaments and the morphological

type of vacuoles is not completely understood but there is evidence that

some of the filamentous inclusions contain intermediate filaments and the

perinuclear distribution of the vacuoles resemble the distribution of

intraneuronal lysosomes. Intermediate filaments and lysosomes are involved

in the sequestration and degradation of viral membrane proteins in tissue

culture cells. Immunogold electron microscopical and biochemical evidence

indicates that ***ubiquitin*** -protein conjugates are normally

considerably enriched in the lysosomes of fibroblasts relative to all

other organelles. Immunogold electron microscopy shows a similar

enrichment of ***ubiquitin*** -protein conjugates in the dense

lysosomes of granulocytic precursor cells in the bone marrow. Filamentous

inclusions showing several of the features seen in inclusions in the

neurodegenerative diseases are seen in Epstein-Barr virus transformed

lymphoblastoid cells. Immunohistochemistry shows that

the inclusions

contain vimentin intermediate filaments, the latent membrane transforming

protein of the virus, ***ubiquitin*** -protein
 conjugates,

and a ***heat*** - ***shock*** ***protein*** 70 (hsp 70).

Immunohistochemistry and immunogold electron microscopy demonstrate that

the latent membrane protein, ***ubiquitin*** -protein conjugates and

hsp 70 are in lysosomes entwined in an intermediate filament cage centred

on the microtubule organising centre. The implications of the combined

observations for our understanding of the cell stress response in

degenerating neurones and in virally infected cells are discussed.

=> d his

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FILE 'MEDLINE, CAPLUS' ENTERED AT 15:37:31 ON 19 APR 1999

L1 713179 S (FUSION# OR CHIMER? OR HYBRID? OR CONJUGA?)

L2 117 S L1 (5A) (HEAT SHOCK PROTEIN? OR HEAT SHOCK POLYPEPTIDE? OR HE

L3 2 S L2 (5A) EPITOP?

L4 9 S L2 AND UBIQUITIN

L5 0 S L4 AND EPITOPES

L6 7 DUP REM L4 (2 DUPLICATES REMOVED)

L7 4 S L2 AND EPITOPES

L8 3 DUP REM L7 (1 DUPLICATE REMOVED)

=> s ubiquitin s ubiquitin

L9 7299 UBIQUITIN

=> s l1 and l9

L10 2859 L1 AND L9

=> s l10 (5a) epitope?

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH

FIELD CODE - 'AND' OPERATOR ASSUMED 'L24 (5A) EPITOPE?'

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH

FIELD CODE - 'AND' OPERATOR ASSUMED 'L25 (5A) EPITOPE?'

L11 80 L10 (5A) EPITOPE?

=> s l11 ,range =,1998

PROXIMITY OPERATOR LEVEL NOT CONSISTENT
WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L24 (5A)
EPITOPE'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT
WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L25 (5A)
EPITOPE'
L12 76 L11

=> dup rem l12

PROCESSING COMPLETED FOR L12
L13 50 DUP REM L12 (26 DUPLICATES
REMOVED)

=> d 1-50

L13 ANSWER 1 OF 50 CAPLUS COPYRIGHT 1999
ACS
AN 1998:682417 CAPLUS
DN 129:286713
TI Diagnosis of genetic disease arising from frameshift
mutation by RT-PCR
and ***hybridization*** or antibody assay, and
treatment with
hammerhead ribozyme cleavage of defective mRNA
IN Van Leeuwen, Frederik W.; Grosveld, Franklin G.;
Burbach, Johannes Peter
Henri
PA Royal Netherlands Academy of Arts and Sciences,
Neth.; Erasmus University
Rotterdam; University of Utrecht
SO PCT Int. Appl., 258 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION
NO. DATE

PI WO 9845322 A2 19981015 WO 98-IB705
19980402
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,
CH, CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE,
KG, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,
MW, MX, NO, NZ, PL,
PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
TT, UA, UG, US,
UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT,
BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF,
BJ, CF, CG, CI,
CM, GA, GN, ML, MR, NE, SN, TD, TG
AU 9870715 A1 19981030 AU 98-70715
19980402

PRAI US 97-43163 19970410
WO 98-IB705 19980402

L13 ANSWER 2 OF 50 CAPLUS COPYRIGHT 1999
ACS
AN 1998:165497 CAPLUS
DN 128:214446
TI Insecticidal protein toxins from Photorhabdus
luminescens
IN Ensign, Jerald C.; Bowen, David J.; Petell, James; Fatig,
Raymond;
Schoonover, Sue; Ffrench-Constant, Richard H.;
Rocheleau, Thomas A.;
Blackburn, Michael B.; Hey, Timothy D.; Merlo, Donald
J.; Orr, Gregory L.;
Roberts, Jean L.; et al.
PA Dow Agrosiences LLC, USA; Wisconsin Alumni
Research Foundation
SO PCT Int. Appl., 321 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 2
PATENT NO. KIND DATE APPLICATION
NO. DATE

PI WO 9808932 A1 19980305 WO 97-US7657
19970505
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH,
CN, CZ, DE, DK, EE,
ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KR, KZ,
LK, LR, LS, LT,
LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ,
PL, PT, RO, RU, SD, SE,
SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE
WO 9717432 A1 19970515 WO 96-US18003
19961106
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH,
CN, CU, CZ, DE, DK,
EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP,
KR, KZ, LK, LR,
LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ,
VN, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK,
ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, ML,
MR, NE, SN, TD, TG
AU 9728299 A1 19980319 AU 97-28299
19970505
PRAI US 96-705484 19960828
US 96-743699 19961106
WO 96-US18003 19961106
US 95-7255 19951106
US 96-608423 19960228
WO 97-US7657 19970505

L13 ANSWER 3 OF 50 CAPLUS COPYRIGHT 1999
ACS

AN 1998:151239 CAPLUS

DN 128:202344

TI Transcription factor E2F ubiquitination domain, and
assays for inhibitors
of E2F ubiquitination

IN Bernards, Rene

PA Vereniging Het Nederlands Kanker Instituut, Neth.;
Prolifix Limited;

Bernards, Rene

SO PCT Int. Appl., 42 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO. DATE
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PI WO 9807852	A1	19980226	WO 97-GB2293 19970822
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W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,
CH, CN, CU, CZ, DE,

DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE,
KG, KP, KR, KZ,

LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,
MW, MX, NO, NZ, PL,

PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
TT, UA, UG, US,

UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM

RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE,
CH, DE, DK, ES, FI, FR,

GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA,

GN, ML, MR, NE, SN, TD, TG

AU 9739510	A1	19980306	AU 97-39510 19970822
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PRAI GB 96-17697 19960823

WO 97-GB2293 19970822

L13 ANSWER 4 OF 50 MEDLINE

DUPLICATE 1

AN 1998225223 MEDLINE

DN 98225223

TI Characterization of a second member of the sentrin
family of

ubiquitin -like proteins.

AU Kamitani T; Kito K; Nguyen H P; Fukuda-Kamitani T;
Yeh E T

CS Department of Internal Medicine, University of
Texas-Houston Health

Science Center, Houston, Texas 77030, USA.

NC HL-45851 (NHLBI)

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998
May 1) 273 (18) 11349-53.

Journal code: HIV. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199808

EW 19980801

L13 ANSWER 5 OF 50 CAPLUS COPYRIGHT 1999
ACS

AN 1998:811924 CAPLUS

DN 130:181262

TI ***Epitope*** -specific antibody and suppression of
antibody responses

against a ***hybrid*** self protein

AU Lohnas, Gerald L.; Roberts, Steven F.; Pilon, Aprile;
Tramonatano, Alfonso

CS Phoenix Co., Gaithersburg, MD, 20877, USA

SO J. Immunol. (1998), 161(12), 6518-6525

CODEN: JOIMA3; ISSN: 0022-1767

PB American Association of Immunologists

DT Journal

LA English

L13 ANSWER 6 OF 50 MEDLINE

DUPLICATE 2

AN 1998241760 MEDLINE

DN 98241760

TI DNA immunization with minigenes: low frequency of
memory cytotoxic T

lymphocytes and inefficient antiviral protection are
rectified by
ubiquitination.

AU Rodriguez F; An L L; Harkins S; Zhang J; Yokoyama
M; Wiedera G; Fuller J T;

Kincaid C; Campbell I L; Whitton J L

CS Department of Neuropharmacology, The Scripps
Research Institute, La Jolla,

California 92037, USA.

NC AI-37186 (NIAID)

MH-50426 (NIMH)

SO JOURNAL OF VIROLOGY, (1998 Jun) 72 (6)
5174-81.

Journal code: KCV. ISSN: 0022-538X.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199807

EW 19980705

L13 ANSWER 7 OF 50 MEDLINE

DUPLICATE 3

AN 1998451768 MEDLINE

DN 98451768

TI Induction of MHC class I-restricted CTL response by
DNA immunization with

ubiquitin -influenza virus nucleoprotein

fusion antigens.

AU Fu T M; Guan L; Friedman A; Ulmer J B; Liu M A;
Donnelly J J

CS Department of Virus and Cell Biology, Merck Research
Laboratories, West

Point, PA 19486, USA.

SO VACCINE, (1998 Nov) 16 (18) 1711-7.

Journal code: X6O. ISSN: 0264-410X.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199902
EW 19990204

L13 ANSWER 8 OF 50 CAPLUS COPYRIGHT 1999
ACS
AN 1998:559844 CAPLUS
DN 129:301118
TI Nuclear inclusions of the androgen receptor protein in
spinal and bulbar
muscular atrophy
AU Li, Mei; Miwa, Shigeru; Kobayashi, Yasushi; Merry,
Diane E.; Yamamoto,
Masahiko; Tanaka, Fumiaki; Doyu, Manabu; Hashizume,
Yoshio; Fischbeck,
Kenneth H.; Sobue, Gen
CS Department of Neurology, Nagoya Univ. School of
Medicine, Nagoya, Japan
SO Ann. Neurol. (1998), 44(2), 249-254
CODEN: ANNED3; ISSN: 0364-5134
PB Lippincott-Raven Publishers
DT Journal
LA English

L13 ANSWER 9 OF 50 MEDLINE
AN 1998191690 MEDLINE
DN 98191690
TI Production and characterization of a monoclonal antibody
specific for
ubiquitin -like polypeptide responsible for
nonspecific immune
suppression.
AU Nariai Y; Nakamura M; Kondoh T; Tanigawa Y
CS Department of Biochemistry, Shimane Medical
University, Izumo, Japan.
SO JOURNAL OF IMMUNOASSAY, (1998 Feb) 19 (1)
49-62.
Journal code: HS8. ISSN: 0197-1522.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199807
EW 19980703

L13 ANSWER 10 OF 50 CAPLUS COPYRIGHT 1999
ACS
AN 1998:246473 CAPLUS
DN 129:39700
TI ***Ubiquitin*** (Ub) interacts non-covalently with
Alzheimer amyloid
precursor protein (.beta.PP): isolation of Ub-.beta.PP
conjugates
from brain extracts
AU Master, Emma; Chan, Sic L.; Ali-Khan, Zafer
CS Department of Microbiology and Immunology, McGill
University, Montreal,

PQ, H3A 2B4, Can.
SO Alzheimer's Res. (1998), 4(1), 19-25
CODEN: ALREFB; ISSN: 1356-918X
PB Rapid Science Ltd.
DT Journal
LA English

L13 ANSWER 11 OF 50 MEDLINE
DUPLICATE 4
AN 1998070406 MEDLINE
DN 98070406
TI The C2 domain of the ***ubiquitin*** protein ligase
Nedd4 mediates
Ca2+-dependent plasma membrane localization.
AU Plant P J; Yeger H; Staub O; Howard P; Rotin D
CS Division of Respiratory Research, Toronto, Ontario
M5G 1X8, Canada.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997
Dec 19) 272 (51) 32329-36.
Journal code: HIV. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 199803
EW 19980304

L13 ANSWER 12 OF 50 MEDLINE
DUPLICATE 5
AN 1998058982 MEDLINE
DN 98058982
TI Differential ***ubiquitin*** -dependent degradation of
the yeast
apo-cytochrome c isozymes.
AU Pearce D A; Sherman F
CS Department of Biochemistry and Biophysics, University
of Rochester School
of Medicine and Dentistry, Rochester, New York 14642,
USA.
NC RO1 GM 12702 (NIGMS)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997
Dec 12) 272 (50) 31829-36.
Journal code: HIV. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 199803
EW 19980303

L13 ANSWER 13 OF 50 MEDLINE
DUPLICATE 6
AN 1998019230 MEDLINE
DN 98019230
TI Characterization of NEDD8, a developmentally
down-regulated
ubiquitin -like protein.
AU Kamitani T; Kito K; Nguyen H P; Yeh E T
CS Division of Molecular Medicine, Department of Internal
Medicine, The
University of Texas-Houston Health Science Center,

Houston, Texas 77030,
USA.

NC HL-45851 (NHLBI)

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997
Nov 7) 272 (45) 28557-62.

Journal code: HIV. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199802

EW 19980204L13 ANSWER 14 OF 50 MEDLINE

DUPLICATE 7

AN 97306290 MEDLINE

DN 97306290

TI Preferential modification of nuclear proteins by a novel
ubiquitin
-like molecule.

AU Kamitani T; Nguyen H P; Yeh E T

CS Division of Molecular Medicine, Department of Internal
Medicine and

Cardiovascular Research Center, Institute of Molecular
Medicine for the

Prevention of Human Diseases, The University of
Texas-Houston Health

Science Center, Houston, Texas 77030, USA.

NC HL-45851 (NHLBI)

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997
May 30) 272 (22) 14001-4.

Journal code: HIV. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199709

EW 19970901

L13 ANSWER 15 OF 50 MEDLINE

DUPLICATE 8

AN 1998024180 MEDLINE

DN 98024180

TI Inhibition of ***ubiquitin*** /proteasome-dependent
protein degradation

by the Gly-Ala repeat domain of the Epstein-Barr virus
nuclear antigen 1.

AU Levitskaya J; Sharipo A; Leonchiks A; Ciechanover A;
Masucci M G

CS Microbiology and Tumor Biology Center, Karolinska
Institute, Box 280,

S-171 77 Stockholm, Sweden.

SO PROCEEDINGS OF THE NATIONAL ACADEMY
OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1997 Nov 11) 94 (23) 12616-21.

Journal code: PV3. ISSN: 0027-8424.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199802

EW 19980204

L13 ANSWER 16 OF 50 MEDLINE

DUPLICATE 9

AN 97439561 MEDLINE

DN 97439561

TI ***Ubiquitin*** (Ub) interacts non-covalently with
Alzheimer amyloid

precursor protein (betaPP): isolation of Ub-betaPP
conjugates

from brain extracts.

AU Master E; Chan S L; Ali-Khan Z

CS Department of Microbiology and Immunology, McGill
University, Montreal,
Quebec, Canada.

SO NEUROREPORT, (1997 Aug 18) 8 (12) 2781-6.

Journal code: A6M. ISSN: 0959-4965.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199712

EW 19971204

L13 ANSWER 17 OF 50 MEDLINE

DUPLICATE 10

AN 97180891 MEDLINE

DN 97180891

TI Regulation of class I-restricted ***epitope***
processing by local or
distal flanking sequence.

AU Yellen-Shaw A J; Eisenlohr L C

CS Kimmel Cancer Institute, Jefferson Medical College,
Philadelphia, PA
19107, USA.

SO JOURNAL OF IMMUNOLOGY, (1997 Feb 15) 158
(4) 1727-33.

Journal code: IFB. ISSN: 0022-1767.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Abridged Index Medicus Journals; Priority Journals;
Cancer Journals

EM 199705

EW 19970502

L13 ANSWER 18 OF 50 MEDLINE

DUPLICATE 11

AN 1998226411 MEDLINE

DN 98226411

TI Induction of cross-reactive antibodies against a self
protein by

immunization with a modified self protein containing a
foreign T helper

epitope

AU Dalum I; Jensen M R; Gregorius K; Thomasen C M;
Elsner H I; Mouritsen S

CS M&E Biotech A/S, Horsholm, Denmark.

SO MOLECULAR IMMUNOLOGY, (1997 Nov-Dec) 34
(16-17) 1113-20.

Journal code: NG1. ISSN: 0161-5890.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

Q R 160-J6

LA English
FS Priority Journals; Cancer Journals
EM 199807
EW 19980703

L13 ANSWER 19 OF 50 CAPLUS COPYRIGHT 1999
ACS
AN 1996:718327 CAPLUS
DN 126:6443
TI Expression library immunization
IN Johnston, Stephen A.; Barry, Michael A.; Lai, Wayne C.
PA Board of Regents, the University of Texas System, USA
SO PCT Int. Appl., 100 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION
NO. DATE

PI WO 9631613 A1 19961010 WO 96-US4561
19960403
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH,
CN, CZ, DE, DK, EE,
ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ,
LK, LR, LS, LT,
LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ,
PL, PT, RO, RU, SD, SE,
SG, SI

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK,
ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, ML

US 5703057 A 19971230 US 95-421155
19950407

CA 2216092 AA 19961010 CA 96-2216092
19960403

AU 9653843 A1 19961023 AU 96-53843
19960403

EP 819177 A1 19980121 EP 96-910725
19960403

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU,
NL, SE, MC, PT,

IE, SI, LT, LV, FI
JP 11503607 T2 19990330 JP 96-530449
19960403

PRAI US 95-421155 19950407
WO 96-US4561 19960403

L13 ANSWER 20 OF 50 MEDLINE
AN 96421575 MEDLINE
DN 96421575

TI mUBC9, a novel adenovirus E1A-interacting protein that
complements a yeast
cell cycle defect.

AU Hateboer G; Hijmans E M; Nooij J B; Schlenker S;
Jentsch S; Bernards R

CS Division of Molecular Carcinogenesis, Netherlands
Cancer Institute,

Plesmanlaan 121, 1066 CX Amsterdam, The Netherlands.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996

Oct 18) 271 (42) 25906-11.

Journal code: HIV. ISSN: 0021-9258.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English

FS Priority Journals; Cancer Journals
OS GENBANK-X99739
EM 199701
EW 19970104

L13 ANSWER 21 OF 50 MEDLINE
DUPLICATE 12

AN 96210035 MEDLINE
DN 96210035

TI Ubiquitination mediated by the Npi1p/Rsp5p
ubiquitin -protein

ligase is required for endocytosis of the yeast uracil
permease.

AU Galan J M; Moreau V; Andre B; Volland C;
Haguenauer-Tsapis R

CS Institut Jacques Monod/CNRS, Universite Paris7-Denis
Diderot, France.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996
May 3) 271 (18) 10946-52.

Journal code: HIV. ISSN: 0021-9258.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 199609

L13 ANSWER 22 OF 50 MEDLINE
DUPLICATE 13

AN 96205980 MEDLINE
DN 96205980

TI Role of IkappaBalpha ubiquitination in signal-induced
activation of
Nfkapab in vivo.

AU Roff M; Thompson J; Rodriguez M S; Jacque J M;
Baleux F;

Arenzana-Seisdedos F; Hay R T

CS School of Biological and Medical Sciences, University of
St. Andrews,
Fife, Scotland.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996
Mar 29) 271 (13) 7844-50.

Journal code: HIV. ISSN: 0021-9258.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 199609

L13 ANSWER 23 OF 50 MEDLINE
AN 97098704 MEDLINE
DN 97098704

TI Breaking of B cell tolerance toward a highly conserved
self protein.

AU Dalum I; Jensen M R; Hindersson P; Elsner H I;
Mouritsen S

CS M&E A/S, Department of Basic Immunology,
Copenhagen, Denmark.

SO JOURNAL OF IMMUNOLOGY, (1996 Dec 1) 157
(11) 4796-804.

Journal code: IFB. ISSN: 0022-1767.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Abridged Index Medicus Journals; Priority Journals;
Cancer Journals

EM 199703

EW 19970301

L13 ANSWER 24 OF 50 MEDLINE

AN 96326672 MEDLINE

DN 96326672

TI Ubiquitination of the yeast a-factor receptor.

AU Roth A F; Davis N G

CS Department of Surgery, Wayne State University School
of Medicine, Detroit,

MI 48201, USA.

SO JOURNAL OF CELL BIOLOGY, (1996 Aug) 134 (3)
661-74.

Journal code: HMV. ISSN: 0021-9525.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199611

L13 ANSWER 25 OF 50 CAPLUS COPYRIGHT 1999
ACS

AN 1995:632146 CAPLUS

DN 123:31229

TI Inducing antibody response against self-proteins with the
aid of foreign

T-cell ***epitopes***

IN Mouritsen, Soeren; Elsner, Henrik

PA Mouritsen and Elsner A/S, Den.

SO PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION
NO.	DATE		

PI WO 9505849	A1	19950302	WO 94-DK318
19940825			

W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ,
DE, DK, EE, ES, FI,

GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LT,
LU, LV, MD, MG, MN,

MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI,
SK, TJ, TT, UA, US,

UZ, VN

RW: KE, MW, SD, AT, BE, CH, DE, DK, ES, FR, GB,
GR, IE, IT, LU, MC,

NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
MR, NE, SN, TD, TG

CA 2170236	AA	19950302	CA 94-2170236
19940825			

AU 9476080	A1	19950321	AU 94-76080
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19940825

EP 752886	A1	19970115	EP 94-926106
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19940825

EP 752886	B1	19980128	
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI,
LU, MC, NL, PT, SE

JP 09505031	T2	19970520	JP 94-507278
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19940825

AT 162723	E	19980215	AT 94-926106
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19940825

ES 2112559	T3	19980401	ES 94-926106
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19940825

AU 9870091	A1	19980730	AU 98-70091
------------	----	----------	-------------

19980611

PRAI DK 93-964 19930826

WO 94-DK318 19940825

L13 ANSWER 26 OF 50 MEDLINE

DUPLICATE 14

AN 95275820 MEDLINE

DN 95275820

TI The yeast UBC4 ***ubiquitin***

conjugating enzyme

monoubiquitinates itself in vivo: evidence for an E2-E2
homointeraction.

AU Gwozd C S; Arnason T G; Cook W J; Chau V; Ellison
M J

CS Department of Biochemistry, University of Alberta,
Edmonton, Canada..

SO BIOCHEMISTRY, (1995 May 16) 34 (19) 6296-302.

Journal code: A0G. ISSN: 0006-2960.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199509

L13 ANSWER 27 OF 50 MEDLINE

DUPLICATE 15

AN 95155311 MEDLINE

DN 95155311

TI Regulation of inositol transport in *Saccharomyces*
cerevisiae involves

inositol-induced changes in permease stability and
endocytic degradation
in the vacuole.

AU Lai K; Bolognese C P; Swift S; McGraw P

CS Department of Biological Sciences, University of
Maryland, Baltimore

21228..

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995
Feb 10) 270 (6) 2525-34.

Journal code: HIV. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199505

L13 ANSWER 28 OF 50 MEDLINE

AN 95324066 MEDLINE

DN 95324066

TI PGP9.5, a ***ubiquitin*** C-terminal hydrolase;
pattern of mRNA and
protein expression during neural development in the
mouse.

AU Schofield J N; Day I N; Thompson R J; Edwards Y H
CS MRC, Human Biochemical Genetics Unit, University
College London, UK..

SO BRAIN RESEARCH. DEVELOPMENTAL BRAIN
RESEARCH, (1995 Apr 18) 85 (2) 229-38.

Journal code: DBR. ISSN: 0165-3806.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199510

L13 ANSWER 29 OF 50 CAPLUS COPYRIGHT 1999
ACS

AN 1995:971197 CAPLUS

DN 124:113497

TI Colocalization of ***ubiquitin*** and serum amyloid
A and

ubiquitin -bound AA in the
endosomes-lysosomes: A double immunogold
electron microscopic study

AU Chronopoulos, Soula; Chan, Sic L.; Ratcliffe, Michael J.
H.; Ali-Khan,
Zafer

CS Department Microbiology and Immunology, McGill
University, Montreal, PQ,
H3A 2B4, Can.

SO Amyloid (1995), 2(3), 191-4

CODEN: ALJET; ISSN: 1350-6129

DT Journal

LA English

L13 ANSWER 30 OF 50 CAPLUS COPYRIGHT 1999
ACS

AN 1995:290253 CAPLUS

DN 122:103928

TI Hepatitis C virus (HCV) proteins as diagnostic agents

IN Cho, Joong Myung; Choi, Deog Young; Kim, Chun
Hyung; So, Hong Seob; Yang,

Jae Young; Kim, In Soo; Kim, Joo Ho

PA Lucky Ltd., S. Korea

SO PCT Int. Appl., 89 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION
NO.	DATE		

PI	WO 9425486	A1	19941110	WO 94-KR40
	19940429			

W: CN, JP, US

	CN 1122139	A	19960508	CN 94-191954
	19940429			

	JP 08506833	T2	19960723	JP 94-524114
	19940429			

PRAI KR 93-7440 19930430

WO 94-KR40 19940429

L13 ANSWER 31 OF 50 MEDLINE

DUPLICATE 16

AN 95105211 MEDLINE

DN 95105211

TI Human ***ubiquitin*** -activating enzyme, E1.

Indication of potential

nuclear and cytoplasmic subpopulations using
epitope -tagged cDNA
constructs.

AU Handley-Gearhart P M; Stephen A G; Trausch-Azar J S;
Ciechanover A;

Schwartz A L

CS Edward Mallinckrodt Department of Pediatrics,
Washington University School
of Medicine, St. Louis, Missouri.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994
Dec 30) 269 (52) 33171-8.

Journal code: HIV. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199504

L13 ANSWER 32 OF 50 MEDLINE

AN 94326915 MEDLINE

DN 94326915

TI Production and characterization of monoclonal antibodies
specific to

multi- ***ubiquitin*** chains of polyubiquitinated
proteins.

AU Fujimuro M; Sawada H; Yokosawa H

CS Department of Biochemistry, Faculty of Pharmaceutical
Sciences, Hokkaido
University, Sapporo, Japan..

SO FEBS LETTERS, (1994 Aug 1) 349 (2) 173-80.

Journal code: EUH. ISSN: 0014-5793.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199411

L13 ANSWER 33 OF 50 MEDLINE

DUPLICATE 17

AN 94366627 MEDLINE

DN 94366627

TI Two types of dystrophic neurites in senile plaques of
Alzheimer disease

and elderly non-demented cases.

AU Yasuhara O; Kawamata T; Aimi Y; McGeer E G;
McGeer P L

CS Kinsmen laboratory of Neurological Research,
Department of Psychiatry,
University of British Columbia, Vancouver, Canada.

SO NEUROSCIENCE LETTERS, (1994 Apr 25) 171
(1-2) 73-6.

Journal code: N7N. ISSN: 0304-3940.

CY Ireland

DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199412

L13 ANSWER 34 OF 50 CAPLUS COPYRIGHT 1999
ACS

AN 1993:510575 CAPLUS

DN 119:110575

TI Hepatitis C virus Korean strain and diagnostics and
vaccines for hepatitis
C

IN Cho, Joong Myung; Lee, Yong Beom; Park, Young
Woo; Lim, Kook Jin; Choi,
Deog Young; So, Hong Seob; Kim, Chun Hyung; Kim,
Sung Tack; Yang, Jae
Young

PA Lucky Ltd., S. Korea

SO Eur. Pat. Appl., 19 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO. DATE
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PI EP 521318	A2	19930107	EP 92-109753
19920610			

EP 521318	A3	19930428	
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R: BE, CH, DE, DK, ES, FR, GR, IT, LI, LU, MC,
NL, PT, SE

WO 9222655	A1	19921223	WO 92-KR22
19920608			

W: AT, AU, BR, CA, ES, GB, JP, US

AU 9219028	A1	19930112	AU 92-19028
19920608			

AU 659649	B2	19950525	
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GB 2272443	A1	19940518	GB 93-24607
19920608			

GB 2272443	B2	19951025	
------------	----	----------	--

JP 06508024	T2	19940914	JP 92-510803
19920608			

BR 9206131	A	19950502	BR 92-6131
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AT 9209013	A	19980915	AT 92-9013
19920608			

AT 405053	B	19990525	
-----------	---	----------	--

CN 1068335	A	19930127	CN 92-104338
19920610			

PRAI KR 91-9510 19910610

KR 91-13601 19910806

WO 92-KR22 19920608

L13 ANSWER 35 OF 50 CAPLUS COPYRIGHT 1999
ACS

AN 1993:58095 CAPLUS

DN 118:58095

TI Preparation of feline coronavirus S protein antigens for
use in infectious
peritonitis vaccines

IN Miller, Timothy J.; Reed, Albert Paul; Klepfer, Sharon

R.; Pfeiffer, Nancy

E.; Suiter, Brian T.; Jones, Elaine V.

PA Smithkline Beecham Corp., USA

SO PCT Int. Appl., 183 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO. DATE
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PI WO 9208487	A1	19920529	WO 91-US8525
19911114			

W: AU, CA, JP, KR, US

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU,
NL, SE

ZA 9108988	A	19921230	ZA 91-8988
19911113			

CA 2096010	AA	19920515	CA 91-2096010
19911114			

AU 9191286	A1	19920611	AU 91-91286
19911114			

AU 666298	B2	19960208	
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EP 557455	A1	19930901	EP 92-901767
19911114			

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU,
NL, SE

JP 06502768	T2	19940331	JP 92-502295
19911114			

PRAI US 90-613066 19901116

US 91-698927 19910513

WO 91-US8525 19911114

L13 ANSWER 36 OF 50 MEDLINE

DUPLICATE 18

AN 92348449 MEDLINE

DN 92348449

TI cDNA cloning of a novel human ***ubiquitin***
carrier protein. An

antigenic domain specifically recognized by endemic
pemphigus foliaceus

autoantibodies is encoded in a secondary reading frame of
this human

epidermal transcript.

AU Liu Z; Diaz L A; Haas A L; Giudice G J

CS Department of Dermatology, Medical College of
Wisconsin, Milwaukee.

NC R01-AR32599 (NIAMS)

R01-AR32081 (NIAMS)

R01-GM34009 (NIGMS)

+

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1992
Aug 5) 267 (22) 15829-35.

Journal code: HIV. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

OS GENBANK-M91670; GENBANK-M91646;

GENBANK-M91647; GENBANK-M63383;

GENBANK-M86615; GENBANK-M86616;

GENBANK-M86617; GENBANK-M86618;
GENBANK-M86619; GENBANK-M86620
EM 199211

L13 ANSWER 37 OF 50 MEDLINE
DUPLICATE 19
AN 92250462 MEDLINE
DN 92250462
TI Expression of a ***ubiquitin*** derivative that
conjugates
to protein irreversibly produces phenotypes consistent with
a
ubiquitin deficiency.
AU Hodgins R R; Ellison K S; Ellison M J
CS Department of Biochemistry, University of Alberta,
Edmonton, Canada..
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1992
May 5) 267 (13) 8807-12.
Journal code: HIV. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 199208

L13 ANSWER 38 OF 50 CAPLUS COPYRIGHT 1999
ACS
AN 1992:188737 CAPLUS
DN 116:188737
TI A strategy for the generation of conditional mutations by
protein
destabilization
AU Park, Eun Chung; Finley, Daniel; Szostak, Jack W.
CS Dep. Mol. Biol., Massachusetts Gen. Hosp., Boston,
MA, 02114, USA
SO Proc. Natl. Acad. Sci. U. S. A. (1992), 89(4), 1249-52
CODEN: PNASA6; ISSN: 0027-8424
DT Journal
LA English

L13 ANSWER 39 OF 50 MEDLINE
DUPLICATE 20
AN 92408945 MEDLINE
DN 92408945
TI Ballooned neurons in several neurodegenerative diseases
and stroke contain
alpha B crystallin.
AU Lowe J; Errington D R; Lennox G; Pike I; Spendlove I;
Landon M; Mayer R J
CS Department of Pathology, University of Nottingham
Medical School, Queens
Medical Centre, UK.
SO NEUROPATHOLOGY AND APPLIED
NEUROBIOLOGY, (1992 Aug) 18 (4) 341-50.
Journal code: NY0. ISSN: 0305-1846.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199212

L13 ANSWER 40 OF 50 MEDLINE
DUPLICATE 21
AN 92041990 MEDLINE
DN 92041990
TI ***Epitope*** -tagged ***ubiquitin*** . A new
probe for analyzing
ubiquitin function.
AU Ellison M J; Hochstrasser M
CS Department of Biology, Massachusetts Institute of
Technology, Cambridge
02139..
NC AG08991 (NIA)
DK39520 (NIDDK)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1991
Nov 5) 266 (31) 21150-7.
Journal code: HIV. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 199202

L13 ANSWER 41 OF 50 MEDLINE
DUPLICATE 22
AN 91172760 MEDLINE
DN 91172760
TI Ultrastructural localization of beta-amyloid, tau, and
ubiquitin
epitopes in extracellular neurofibrillary tangles.
AU Tabaton M; Cammarata S; Mancardi G; Manetto V;
Autilio-Gambetti L; Perry
G; Gambetti P
CS Department of Neurology, University of Genoa, Italy.
NC NS-14509 (NINDS)
K04-AG00415 (NIA)
AG07552 (NIA)
SO PROCEEDINGS OF THE NATIONAL ACADEMY
OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1991 Mar 15) 88 (6) 2098-102.
Journal code: PV3. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 199106

L13 ANSWER 42 OF 50 MEDLINE
AN 92139942 MEDLINE
DN 92139942
TI Tau- ***ubiquitin*** protein ***conjugates*** in a
human cell line.
AU Mescio E R; Timiras P S
CS University of California, Department of Molecular and
Cellular Biology,
Berkeley 94720.
SO MECHANISMS OF AGEING AND
DEVELOPMENT, (1991 Nov 15) 61 (1) 1-9.
Journal code: LMJ. ISSN: 0047-6374.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA English

FS Priority Journals
EM 199205

L13 ANSWER 43 OF 50 MEDLINE
DUPLICATE 23

AN 90280472 MEDLINE

DN 90280472

TI ATP-induced loss of Alz-50 immunoreactivity with the A68 proteins from

Alzheimer brain is mediated by ***ubiquitin***

AU Vincent I J; Davies P

CS Department of Pathology and Neuroscience, Albert Einstein College of

Medicine, Bronx, NY 10461.

NC AG06803 (NIA)

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF

AMERICA, (1990 Jun) 87 (12) 4840-4.

Journal code: PV3. ISSN: 0027-8424.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199009

L13 ANSWER 44 OF 50 CAPLUS COPYRIGHT 1999
ACS

AN 1989:473238 CAPLUS

DN 111:73238

TI The effect of poly(ADP-ribosyl)ation on native and H1-depleted chromatin.

A role of poly(ADP-ribosyl)ation on core nucleosome structure

AU Huletsky, Ann; De Murcia, Gilbert; Muller, Sylviane; Hengartner, Michel;

Menard, Luc; Lamarre, Daniel; Poirier, Guy G.

CS Cent. Rech. Cancerol., Univ. Laval Hotel-Dieu, Quebec, PQ, G1R 2J6, Can.

SO J. Biol. Chem. (1989), 264(15), 8878-86

CODEN: JBCHA3; ISSN: 0021-9258

DT Journal

LA English

L13 ANSWER 45 OF 50 CAPLUS COPYRIGHT 1999
ACS

AN 1989:435306 CAPLUS

DN 111:35306

TI Partial purification and peptide mapping of ***ubiquitin***

-phytochrome ***conjugates*** from oat

AU Shanklin, John; Jabben, Merten; Vierstra, Richard D.
CS Dep. Hort., Univ. Wisconsin, Madison, WI, 53706, USA

SO Biochemistry (1989), 28(14), 6028-34

CODEN: BICHAW; ISSN: 0006-2960

DT Journal

LA English

L13 ANSWER 46 OF 50 MEDLINE
DUPLICATE 24

AN 89215822 MEDLINE

DN 89215822

TI Immunochemical properties of ***ubiquitin***
conjugates in

the paired helical filaments of Alzheimer disease.

AU Perry G; Mulvihill P; Fried V A; Smith H T;

Grundke-Iqbal I; Iqbal K

CS Division of Neuropathology, Case Western Reserve University, Cleveland,

Ohio 44106.

NC AG00795 (NIA)

AG07552 (NIA)

AG04220 (NIA)

+

SO JOURNAL OF NEUROCHEMISTRY, (1989 May) 52
(5) 1523-8.

Journal code: JAV. ISSN: 0022-3042.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 198908

L13 ANSWER 47 OF 50 MEDLINE

AN 90099519 MEDLINE

DN 90099519

TI ***Ubiquitin*** : a multifunctional regulatory protein associated with

the cytoskeleton.

AU Fried V A; Smith H T

CS Department of Biochemistry, St. Jude Children's Research Hospital,

Memphis, TN 38101.

NC GM 31461 (NIGMS)

GM 40616 (NIGMS)

CA 21765 (NCI)

SO PROGRESS IN CLINICAL AND BIOLOGICAL RESEARCH, (1989) 317 733-44. Ref: 24

Journal code: PZ5. ISSN: 0361-7742.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)

(REVIEW, TUTORIAL)

LA English

FS Priority Journals

EM 199004

L13 ANSWER 48 OF 50 MEDLINE

DUPLICATE 25

AN 89010523 MEDLINE

DN 89010523

TI Defective presentation to class I-restricted cytotoxic T lymphocytes in

vaccinia-infected cells is overcome by enhanced degradation of antigen.

AU Townsend A; Bastin J; Gould K; Brownlee G; Andrew M; Coupar B; Boyle D;

Chan S; Smith G

CS Institute for Molecular Medicine, John Radcliffe Hospital, Headington,

Oxford..

SO JOURNAL OF EXPERIMENTAL MEDICINE, (1988

Oct 1) 168 (4) 1211-24.

Journal code: I2V. ISSN: 0022-1007.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 198901

L13 ANSWER 49 OF 50 CAPLUS COPYRIGHT 1999
ACS

AN 1987:552422 CAPLUS

DN 107:152422

TI Monoclonal antibody to paired helical filaments

AU Mori, Hiroshi

CS Dep. Clin. Physiol., Tokyo Metrop. Inst. Gerontol.,
Tokyo, 173, Japan

SO Shinkei Kenkyu no Shinpo (1987), 31(2), 339-45

CODEN: SKNSAF; ISSN: 0001-8724

DT Journal

LA Japanese

L13 ANSWER 50 OF 50 MEDLINE

DUPLICATE 26

AN 86122903 MEDLINE

DN 86122903

TI Expression cloning of a lymphocyte homing receptor
cDNA: ***ubiquitin***

is the reactive species.

AU St. John T; Gallatin W M; Siegelman M; Smith H T;
Fried V A; Weissman I L

NC AI9512 (NIAID)

GM 31461 (NIGMS)

CA 09151 (NCI)

SO SCIENCE, (1986 Feb 21) 231 (4740) 845-50.

Journal code: UJ7. ISSN: 0036-8075.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

OS GENBANK-M11690; GENBANK-M11691

EM 198605

=> d l13 17 bib ab

L13 ANSWER 17 OF 50 MEDLINE

DUPLICATE 10

AN 97180891 MEDLINE

DN 97180891

TI Regulation of class I-restricted ***epitope***
processing by local or

distal flanking sequence.

AU Yellen-Shaw A J; Eisenlohr L C

CS Kimmel Cancer Institute, Jefferson Medical College,
Philadelphia, PA
19107, USA.

SO JOURNAL OF IMMUNOLOGY, (1997 Feb 15) 158
(4) 1727-33.

Journal code: IFB. ISSN: 0022-1767.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Abridged Index Medicus Journals; Priority Journals;
Cancer Journals

EM 199705

EW 19970502

AB Influenza A/Puerto Rico/8/34 nucleoprotein (NP)
contains an

H-2Kd-restricted CD8+ T cell (T CD8+) ***epitope***
spanning amino
acid residues 147-155. It was previously demonstrated that
expression of

NP147-155 and NP147-158 in isolation via

"minigene"/recombinant vaccinia

virus (vac) technology leads to sensitization of target cells
for

NP-specific killing while expression of 147-158 lacking
the arginine at

position 156 (termed here as 147-155TG) does not. The
presentation block

was overcome by placing this fragment into the context of
full length NP.

We show that addition of a single amino acid, Met159, to
the C terminus of

the blocked peptide (creating 147-155TGM) restores
presentation.

Presentation of 147-155TGM was not due to trimming in
the exocytic

compartment, consistent with severe limitations on
C-terminal trimming

activity in this location. Rescued presentation was also
achieved when the

blocked construct was extended in the N-terminal
direction only, but in

this case more than 55 amino acids of flanking sequence
were required. The

transition to presentation was abrupt, with 91-155TG and
shorter

constructs showing little or no detectable presentation and
90-155TG

showing full level presentation. Presentation could not be
attributed to

acquisition of conventional targets for ubiquitination since
mutation of

all Lys residues, to which the ***ubiquitin*** moiety is
conjugated, does not abrogate presentation.

Rescued presentation

was not inhibited by the peptide aldehyde

N-acetyl-L-leucyl-L-leucinal-L-

norleucinal, suggesting that the added elements may be
recruiting

nonproteasomal activity. We have therefore identified and
begun to

characterize protease targeting of regulatory elements,
both local and

distal to an ***epitope***, which strongly influence the
ability of

the ***epitope*** to be excised.

=> d l13 19 cbib ab

L13 ANSWER 19 OF 50 CAPLUS COPYRIGHT 1999
ACS
1996:718327 Document No. 126:6443 Expression library
immunization.

Johnston, Stephen A.; Barry, Michael A.; Lai, Wayne C.
(Board of Regents,
the University of Texas System, USA). PCT Int. Appl.
WO 9631613 A1
19961010, 100 pp. DESIGNATED STATES: W: AL,
AM, AT, AU, AZ, BB, BG, BR,
BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU,
IS, JP, KE, KG, KP,
KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,
MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI; RW: AT, BE, BF, BJ, CF, CG,
CH, CI, CM, DE, DK,
ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, NL, PT,
SE. (English).

CODEN: PIXXD2. APPLICATION: WO 96-US4561
19960403. PRIORITY: US
95-421155 19950407.

AB A general method for vaccinating against any pathogen
is presented. The
method utilizes expression library immunization, where an
animal is
inoculated with an expression library constructed from
fragmented genomic
DNA of the pathogen. All potential ***epitopes*** of
the pathogen's
proteins are encoded in its DNA, and genetic
immunization is used to
directly introduce one or more expression library clones to
the immune
system, producing an immune response to the encoded
protein. Inoculation
of expression libraries representing portions of the
Mycoplasma pulmonis
genome, was shown to protect mice from subsequent
challenge by this
natural pathogen. Protection against *Listeria* was also
obtained using the
method.

=> d l113 25 cbib ab

L113 NOT FOUND

The L-number entered has not been defined in this session, or
it
has been deleted. To see the L-numbers currently defined in
this
session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> d l13 25 cbib ab

L13 ANSWER 25 OF 50 CAPLUS COPYRIGHT 1999
ACS
1995:632146 Document No. 123:31229 Inducing antibody
response against
self-proteins with the aid of foreign T-cell
epitopes

Mouritsen, Soeren; Elsner, Henrik (Mouritsen and Elsner
A/S, Den.). PCT

Int. Appl. WO 9505849 A1 19950302, 31 pp.
DESIGNATED STATES: W: AM, AT,
AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE,
ES, FI, GB, GE, HU, JP,
KE, KG, KP, KR, KZ, LK, LT, LU, LV, MD, MG, MN,
MW, NL, NO, NZ, PL, PT,
RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN; RW:
AT, BE, BF, BJ, CF,
CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT,
LU, MC, ML, MR, NE,
NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2.
APPLICATION: WO

94-DK318 19940825. PRIORITY: DK 93-964
19930826.

AB A novel method for utilizing the immune app. to remove
and/or
down-regulate self-proteins consists in inserting one or
more foreign

T-cell ***epitopes*** into such proteins by mol. biol.
means, thereby
rendering said proteins immunogenic. The modulated
self-proteins can be
used as auto-vaccines against undesirable proteins in
humans or animals.

The auto-vaccine are useful as vaccines against a no. of
diseases, e.g.

cancer, chronic inflammatory diseases, rheumatoid
arthritis, inflammatory
bowel diseases, allergic symptoms or diabetes mellitus.

Induction of
antibodies to ***ubiquitin*** and murine tumor
necrosis factor- α .

(TNF- α .) using T-cell ***epitopes*** from
ovalbumin and hen egg
white lysozyme was shown.

=> d l13 32 cbib ab

L13 ANSWER 32 OF 50 MEDLINE

94326915 Document Number: 94326915. Production and
characterization of

monoclonal antibodies specific to multi- ***ubiquitin***
chains of

polyubiquitinated proteins. Fujimuro M; Sawada H;
Yokosawa H. (Department
of Biochemistry, Faculty of Pharmaceutical Sciences,
Hokkaido University,

Sapporo, Japan..)FEBS LETTERS, (1994 Aug 1) 349 (2)
173-80. Journal

code: EUH. ISSN: 0014-5793. Pub. country: Netherlands.
Language: English.

AB Polyubiquitinated proteins tagged with multi-
ubiquitin chains

are substrates preferred by the 26 S proteasome (a
ubiquitin

/ATP-dependent proteolytic complex). Here, we developed
a simple method

for the efficient preparation of polyubiquitinated proteins

which are degraded by the 26 S proteasome in an ATP-dependent manner. Our efficient method enabled us to produce ten monoclonal antibodies that recognized the multi- ***ubiquitin*** chains of the polyubiquitinated proteins, but not free ***ubiquitin*** or the protein moieties. Eight of the antibodies recognized only the multi- ***ubiquitin*** chains of the polyubiquitinated proteins, while the other two antibodies cross-reacted with mono- ***ubiquitin*** and methyl- ***ubiquitin***, both of which are linked to proteins via an isopeptide bond, as well as with the multi- ***ubiquitin*** chains. Thus these antibodies are novel and useful tools for the identification and quantification of polyubiquitinated proteins in various cells and tissues under physiological and pathological conditions.

=> d I13 36 cbib ab

L13 ANSWER 36 OF 50 MEDLINE

DUPLICATE 18

92348449 Document Number: 92348449. cDNA cloning of a novel human

ubiquitin carrier protein. An antigenic domain specifically

recognized by endemic pemphigus foliaceus autoantibodies is encoded in a

secondary reading frame of this human epidermal transcript. Liu Z; Diaz L

A; Haas A L; Giudice G J. (Department of Dermatology, Medical College of

Wisconsin, Milwaukee.)JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Aug 5) 267

(22) 15829-35. Journal code: HIV. ISSN: 0021-9258.

Pub. country: United

States. Language: English.

AB Autoantibodies from a patient suffering from endemic pemphigus foliaceus

(EPF), a blistering skin disease, were used to screen a lambda gt11 human

keratinocyte cDNA library. One immunoreactive cDNA clone (lambda EPF5)

containing a 900-base pair insert was isolated and subjected to further

analysis. Eight of 25 EPF sera were shown to react with the EPF5

fusion protein on immunoblots. The EPF5 cDNA insert

hybridized with a 1.2-kilobase epidermal RNA transcript on a

Northern blot. Sequence analysis revealed that lambda EPF5 contained the

complete coding sequence for a 24-kDa polypeptide

exhibiting significant

sequence homology with a family of enzymes known as ***ubiquitin***

carrier proteins, or E2s, which are an essential component of the

ubiquitin -protein ***conjugation*** system. The homology was

particularly high in the core region containing the active site cysteine.

The keratinocyte ***ubiquitin*** carrier protein expressed in

bacteria, and isolated either intact or as a glutathione S-transferase

fusion protein, exhibited the ability to form a thiol ester

linkage with ***ubiquitin*** in a ***ubiquitin*** activating

enzyme (E1)-dependent manner, a characteristic property of

ubiquitin carrier proteins. The E2 enzyme encoded by clone EPF5 is

the first member of this protein family to be cloned from an epidermal

source. Interestingly, the EPF autoantibody-reactive ***epitope*** and

the ***ubiquitin*** carrier protein were shown to be encoded in two

different translational reading frames. The relevance of the cloned EPF

epitope in the pathogenesis of this autoimmune disorder remains to

be determined.

=> d I13 46 cbib ab

L13 ANSWER 46 OF 50 MEDLINE

DUPLICATE 24

89215822 Document Number: 89215822.

Immunochemical properties of

ubiquitin ***conjugates*** in the paired helical filaments of

Alzheimer disease. Perry G; Mulvihill P; Fried V A; Smith H T;

Grundke-Iqbal I; Iqbal K. (Division of Neuropathology, Case Western

Reserve University, Cleveland, Ohio 44106.)JOURNAL OF NEUROCHEMISTRY,

(1989 May) 52 (5) 1523-8. Journal code: JAV. ISSN: 0022-3042. Pub.

country: United States. Language: English.

AB Immunocytochemical and peptide sequencing studies indicate that the

regulatory protein ***ubiquitin*** (Ub) is incorporated into the

paired helical filaments (PHF) of Alzheimer disease. In this study, we

showed that some antibodies raised to PHF recognize ***epitopes*** of

Ub. Analysis of the Ub sequences recognized by the antibodies raised to

PHF, along with the known specificity of several monoclonal antibodies raised to artificial Ub ***conjugates***, indicates the immunochemical representation of Ub residues 34-76 in PHF. The Ub ***epitopes*** recognized by antibodies raised to PHF are distinct from those recognized by antibodies raised to artificial Ub ***conjugates*** in two respects. First, antibodies that are raised to PHF and that recognize Ub react with PHF equally, whether denatured or not, whereas those raised to artificial Ub ***conjugates*** show greater reaction after denaturation. Second, mapping of the ***epitopes*** recognized by two monoclonal antibodies to PHF onto Ub indicates a distinction in the Ub residues recognized, compared with monoclonal antibodies raised to artificial Ub ***conjugates***. The proximity of their ***epitopes*** to the site of ***conjugation***, as well as their affinity for PHF polypeptides, suggests that the PHF antibodies that recognize Ub may be directed specifically to Ub ***epitopes*** defined by the protein ***conjugated*** to Ub.